Know when your continuing education responsibilities are due to be fulfilled

by Mary Pfaff, S&B Plumbing/POWTS Plan reviewer, 262-548-8604, mpfaff@commerce.state.wi.us

I've had calls concerning the continuing education requirements for plumbing card holders. There seems to be confusion for some people in regards to when the required number of hours are due to renew a license, certification, or registration.

If you have questions, you should read the continuing education requirements in Comm 5, the Wisconsin Credentialing Code, please.

Don't get caught without your hours! All required hours need to be obtained at least three months prior to the expiration date on your license, certification, or registration. See Comm. 5.08(3)a. This requirement also stands for correspondence or other nontraditional classes.

Most plumbing licenses, certifications, or registrations are for two years. A card holder may receive the continuing education for the two years within the same year, or within the same month; the continuing education doesn't have to be spread out over the term of the credential.

Credential	Continuing Education Required
Master Plumber	12 hours during two years
Journeyman Plumber	12 hours during two years
UDC Inspector	12 hours during two years
Master Plumber - Restricted	6 hours during two years
Journeyman - Restricted	6 hours during two years
POWTS Inspector	6 hours during two years
Soil Tester	6 hours during two years

Note, for example, that if you have a Certified Soil Tester's certification and a Master Plumber's license, (or any other combination) and the continuing education course is approved for both, you will receive credit towards both credentials.

Also note that just as your old continuing education period ends three months before your license or registration expires, your new continuing education period starts three months before your renewal date. You can take continuing education in January, 2000 for credit hours that will count toward a license that is renewed April 1, 2000 and extends thru March 31, 2002. See Comm. 5.08(3)b.

Please call the Safety and Buildings Division Credentialing Unit at 608-261-8500 if you need further assistance.

Inside this *WPCR*

Wisconsin Plumbing Codes Report
Safety and Buildings Division, Department of Commerce
Volume 15 No. 11 November 1999

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Plumbing Consultants

Tim Joyce	Madison	608-825-4724
Don Kay	Green Bay	920-834-3093
Don Oremus	Pelican Lake	715-487-6123
Jim Wehinger	Friendship	608-339-7430
Jim Zickert	Eldorado	920-872-2656

Plumbing Plan Reviewers

Ryan Boebel	Madison	608-261-6535
Herman Delfosse	La Crosse	608-789-5535
Tom Devereaux	Hayward	715-634-3026
Wes Grube	Green Bay	920-492-5613
Dan Kraft	Madison	608-266-8075
Ken Petrzborn	Madison	608-267-2242
Mary Pfaff	Waukesha	414-548-8604
Dave Russell	Madison	608-267-3605
Curt Wendorff	Shawano	715-526-9056–

Plumbing Products Reviewers

Mike Beckwith	Madison	608-266-6742
Dan Jensen	Madison	608-267-5265
Glen Schlueter	Madison	608-267-1401

POWTS Plan Reviewers

Tom Devereaux	Hayward	715-634-3026
Wes Grube	Green Bay	920-492-5613
Julia Lewis	Waukesha	414-548-8638
Pete Pagel	Madison	608-266-2889
Mary Pfaff	Waukesha	414-548-8604
Jim Quinlain	Madison	608-266-3937
Pat Shandorf	Hayward	715-634-7810
Jerry Swim	La Crosse	608-785-9348
Keith Wilkinson	Shawano	715-524-3630

POWTS Wastewater Specialists

Heidi Ferguson	Stevens Point	920-779-4818
Ross Fugill	Shawano	715-524-3629
Leroy Jansky	Chippewa Falls	715-726-2544
Carl Lippert	Hayward	715-634-3484
Karl Schultz	Oshkosh	920-424-3311
Dennis Sorenson	La Crosse	608-785-9336
Duane Steiner	West Baraboo	608-355-3159
Allen Wendorf	Madison	608-873-5476

Plan Review Scheduling

For plan review scheduling for Plumbing and Buildings, call the S&B office numbers listed above, or contact the email address shown. Fax scheduling is possible. Information about the project will be needed to schedule the plan review. Any of the offices can schedule the first appropriate plan review available statewide.

Plan review for Private Onsite Wastewater Treatment Systems is provided on a first-come, first-served basis. Contact one of the offices for information.

Direct comments, address, suggestions for articles, etc., to Todd Taylor. Fax 608-264-8795. Telephone 608-267-3606. ttaylor@commerce.state.wi.us/ Madison mailing address above.

The *WPCR* is a monthly publication delivered to about 9,700 people as part of their certification, license, or registration with the Wisconsin Department of Commerce, Safety and Buildings Division. Subscriptions are also available.

SBD 8340P

Event Calendar

Contact the listed Code Consultant for information on the meetings agenda, locations, etc. If you have questions concerning technicalities of the codes which are the subjects of the meetings, contact consultants and reviewers listed on page 2 of this *WPCR*.

Nov. 30, 1999, Tuesday, **Energy Conservation Council**, 8:30 a.m. -3 p.m.,WHEDA Building, Rm. 3B, 201 W Washington Ave., Madison, - Diane Meredith, 608-266-8982, dmeredith@commerce.state.wi.us

Dec. 7, 1999, Tuesday, **IBC - HVAC Code Council**, 8:30 a.m. - 2 p.m.,WHEDA Building , Rm. 3B, 201 W Washington Ave., Madison, - Jean MacCubbin, 608-266-0955, jmaccubbin@commerce.state.wi.us.

Dec. 8, 1999, Wednesday, **Multifamily Dwelling Code Council**, 9:15 a.m. – 3 p.m., Wisconsin Builders Association, Madison, - Sam Rockweiler, 608-266-0797, srockweiler@commerce.state.wi.us.

Dec. 9, 1999, Thursday, **Fire Safety Code Council**, 9 a.m. - 3 p.m., WHEDA Building, Rm. 3B, 201 W Washington Ave., Madison, - Duane Hubeler, 608-266-1390, dhubeler@commerce.state.wi.us.

Dec. 15, 1999, Wednesday, **Plumbing Advisory Code Council**, 9a.m. – 3 p.m., WHEDA Building, Rm. 3B, 201 W. Washington Ave., Madison, - Jean MacCubbin, 608-266-0955, jmaccubbin@commerce.state.wi.us.

IBC moves forward

The Safety and Buildings Division and its advisory code councils have begun work on adoption of and training on a national model commercial building code. After in-depth study, the councils and S&B have agreed on the general concept of adoption of the International Building Code (IBC), with an expectation of a minimum of Wisconsin amendments (so-called "Wiscon-sinisms").

For two years, the division has worked with specialty code councils studying various aspects of the draft IBC, while the IBC has gone through national development and hearings. S&B representatives have worked in the IBC development process and were recently appointed members of national IBC committees.

A S&B tentative timeline plans adoption in Wisconsin of the IBC in July, 2001, with a delayed effective date of July, 2002. An IBC Implementation Task Group has been formed by S&B to organize the task of adopting the IBC for Wisconsin and preparing the state for use of the code. S&B is not considering adoption of the international Plumbing Code in Wisconsin.

For more information, contact Jim Smith, S&B Commercial Buildings Program Manager, 608-266-0251, jsmith@commerce.state.wi.

Subscription requests and **address changes** can be sent to Material Orders, PO Box 2509, Madison, WI 53701. Fax 608-261-6699. Telephone 608-267-4405.

Subscriptions are $20, payable in advance to the Safety and Buildings Division for 12 monthly issues.

POWTS demonstration projects getting underway - UV light, clustered, "Living Machine," management/maintenance

by Roman Kaminski, S&B POWTS Program Manager, 715-345-5334, rkaminski@commerce.state.wi.us

Several new projects underway are worth getting excited about in the Safety and Buildings Division's private onsite wastewater treatment systems experiment/demonstration program that began last summer.

A project in southeastern Wisconsin involves the installation of UV light disinfection devices downstream from aerobic treatment units prior to discharge into the soil.

A project in the planning stages consists of a traditional sewer collection system that will serve about 15 existing homes located in a small crossroads community in Fond du Lac county. The wastewater will be treated via a constructed wetland system, with final discharge into surrounding soil that contains evidence of a zone of seasonal saturation approximately 12 inches below ground surface.

S&B has also just approved the design for a larger system to serve a new environmentally-oriented school being constructed in Vilas County. This system will consist of a "Living Machine" containing various "natural environments" in a greenhouse setting that will perform the majority of the wastewater treatment. The discharge from the "Living Machine" will enter the soil through an extensive network of dripline.

S&B is also considering a proposal from an electric cooperative in Clark County which is interested in providing management/maintenance services for POWTS. They see this as a fit with the services they currently provide their customers. They are also considering installing and owning POWTS that serve both individual homes and clusters of homes such as in a subdivision setting.

As various projects move forward through the design/installation phase and into actual use, S&B will monitor the levels of treatment the POWTS achieve. We will also monitor the ability of a "third party" to provide management/maintenance services. All experiment/demonstration projects are approved with the understanding that after a period of no more than five years the experimenter will provide the division with a written report as to the outcome of the experiment/demonstration.

State administrative codes and the code update service may be purchased by contacting state Document Sales, 608-266-3358, or 800-362-7253, for credit card purchases. ❖ ❖ ❖ ❖ ❖ ❖

Revised policy on replacement POWTS alternatives – Comm 83.09(2)(b)

by Roman Kaminski, S&B POWTS Program Manager, 715-345-5334, rkaminski@commerce.state.wi.us

In August, 1998 the Safety and Buildings Division issued a policy memo to POWTS Plan Review and Field Staff that addressed requests for use of various technologies for certain replacement system applications that are not specifically identified within chapter Comm 83. Based on the experience gained in the last year and the completion of additional POWTS component manuals, the policy memo has been revised.

The revised policy memo clarifies procedural questions that came up after the release of the original memo. In addition, some of the more significant changes are: 1. Reference is made to the most recent versions of the POWTS component manuals which must be used when considering designs that include pressure distribution, sand filters, and dripline;

2. A table with acceptable soil application rates is included with the policy memo.

3. Recirculating sand filters and dripline have been added to the list of components that may be selected for use in a POWTS design submitted under the provisions of Comm 83.09(2)(b).

M E M O R A N D U M

Date: 10/08/99
To: POWTS Plan Review and Field Staff
From: Randy Baldwin, Bureau Director – Integrated Services
Subject: Replacement POWTS Alternatives - Comm 83.09 (2) (b), **Revised October 8, 1999**

The department has been receiving requests to use various technologies that are not specifically addressed within chapter Comm 83 as replacement private sewage systems. The department is obligated to consider such requests under s. Comm 83.09 (2) (b) which reads: 83.09 (2) (b) Non-conforming site conditions. The department shall be contacted for approval of replacement systems for all public buildings and all buildings where site conditions do not permit systems in accord with this chapter. Alternates for the disposal of effluents emanating from existing structures may be accomplished by means other that those outlined in this chapter provided written local approval is obtained and submitted along with detailed plans and specifications to the department for review and consideration. Written approval shall be received from the department prior to the county issuing permits or work commences on these systems.

Many of the requests may involve POWTS technologies that produce highly treated effluent by using either mechanical Aerobic Treatment Units (ATU's), Intermittent a.k.a. single pass Sand Filters (ISF's) or Recirculating Sand Filters (RSF's). The

continued on next page

Continuing Education

ADA and Plumbing Products, a.m. Dec. 27, 1999; **Q&A and Code Update**, p.m. Dec. 27, 1999; each provide 3 hours of credit for MP, JP, UDCPI; **Vanguard Plumbing Systems**, a.m. Dec. 28, 1999 3 hours for MP, JP, MPRA, JPRA, UDCPI; **Sanitary and Storm Sewer Installation**, p.m. Dec. 28, 1999 3 hours for MP, JP, MPRS, JPRS, UDCPI; Fond du Lac, Mid-State Supply, Pete Duesterbeck, 800-236-6700.

Combination Drain and Vent Systems, Interactive Television course; Dec. 13, 1999, 6:30-9:30 p.m.; sites in Green Bay, Wausaukee, Sevastopool, Peshtigo; Limited Seating; $9.43 fee; 3 hours of credit for MP, JP, UDCPI; Take up-to-date Comm 82-87 code book, calculator, writing paper, and pencil; Northwest Technical College, John Kollman, 920-498-6846.

Questions about your continuing education credits?

Check the mailing address back page for a printed line giving your status for plumbing-related S&B certifications, licenses, and registrations.
Or, call the Credentialing Section, 608-261-8500.

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requests may also include use of Dripline as a method of effluent dispersal. Jim Converse and Jerry Tyler from the UW-Madison, Small Scale Waste Management Project have documented the treatment performance of these technologies. It has been demonstrated that ISF's can provide the equivalence of two feet of suitable soil treatment and that ATU's and RSF's can provide the equivalence of one foot of suitable soil treatment[a,b]. The use of these technologies can address site and soil limitations, such as insufficient soil absorption area or depth.

A request under this provision will necessitate the submission of at least the following items:

– A letter from the governmental unit indicating acceptance of the proposal;

– A petition for variance, indicating that the request is for an existing POWTS that is to be repaired/ rehabilitated or replaced;

– A plan, in accordance with, s. Comm 83.08, delineating the design, installation and maintenance of the system.

– If the design submitter is aware of who the installing plumber will be, a statement indicating that the installing plumber(s) has attended department-approved training regarding the type of ATU, ISF, RSF or Dripline that will be used or that the installation will be supervised onsite by an authorized representative of the manufacturer for the technology.

When such a request under s. Comm 83.09 (2) (b) involves an ATU, ISF, RSF or Dripline as part of the POWTS design the following factors and guidelines are be used in evaluating the proposal.

Local Acceptance:

– The letter from the governmental unit is to indicate acceptance of the proposed POWTS design, agreement to allow the installation to be made, and agreement to inspect the installation during construction.

– The letter must include a statement that the governmental unit employs a POWTS inspector that has attended department-approved training regarding the type of ATU, ISF, RSF or Dripline that will be installed. In absence of such training, the letter must be accompanied by a written statement from a representative of the manufacturer of the technology that is proposed to be installed that an authorized representative will be present during the installation and that this individual will provide training for the POWTS inspector.

Petition:

– The petition must be accompanied with all applicable forms and fees.

– The petition shall identify the appropriate rule or rules for which an equivalency is proposed to be accomplished. This includes all rules that address soil, site and design considerations.

– If the petition involves a situation of less than three feet of suitable soil to a limiting condition such as high groundwater or bedrock, the proposed design or technology that produces highly treated effluent in conjunction with the available depth of suitable soil must establish a treatment equivalency to three feet of soil.

Design and Plan Specifications:

– The POWTS plan/petition submittal must be accompanied with all applicable forms and fees.

– For the submittal of a design that includes an ATU, ISF or RSF, the plans are to include documentation that clearly shows that:

– The ATU meets NSF Standard 40 Class 1 specifications for effluent and has received Department product approval; or

– The ISF meets the specifications in the Department of Commerce publication (SBD-10595-P) entitled "Single Pass Sand Filter Component Manual for Private Onsite Wastewater Treatment Systems" draft dated 05/30/99; or

– The RSF meets the specifications in either the Department of Commerce publication (SBD-10628-P) entitled "Recirculating Sand Filter Component Manual for Private Onsite Wastewater Treatment Systems" draft dated 06/11/99 or publication (SBD-10656-P) entitled "Split Bed Recirculating Sand Filter System Component Manual for Private Onsite Wastewater Treatment Systems draft dated 06/25/99.

– If a Dripline effluent component is utilized as a method of dispersal, the design must meet the specifications in the Department of Commerce publication (SBD-10657-P) entitled "Dripline Effluent Dispersal Component Manual for Private Onsite Wastewater Treatment Systems draft dated 06/24/99.

– The plan submittal is to include a copy of an operation and maintenance plan that contains the required maintenance/inspection intervals (e.g. management plan) if one was not previously provided to the POWTS plan reviewer. The plan submittal may include evidence of an initial warranty or that the

owner has signed a two-year maintenance/servicing contract for the ATU, ISF, RSF and/or Dripline component.

Other Specifications

– Where an ATU or RSF is used, the infiltrative surface receiving the highly treated effluent is to be located in suitable soil ≥ 24 inches above a limiting condition such as evidence of estimated high groundwater or bedrock except as follows:

– Where the effluent is dispersed to loamy coarse sand or coarse sand soil textures having ≤ 35% coarse fragments, the infiltrative surface is to be located ≥ 36 inches above a limiting condition such as evidence of estimated high groundwater or bedrock.

– Where the effluent is dispersed to sand, loamy coarse sand, or coarse sand soil textures having > 35% to ≤ 60% coarse fragments, the infiltrative surface is to be located ≥ 60 inches above a limiting condition such as evidence of estimated high ground water or bedrock. The soil beneath the infiltrative surface shall consist of at least 6 inches of acceptable in situ soil and ≥ 54 inches of any combination of acceptable engineered and/or in situ soil.

– Where an ISF is used the infiltrative surface receiving the highly treated effluent is to be located in suitable soil ≥ 12 inches above a limiting condition such as evidence of high groundwater or bedrock except as follows:

– Where the effluent is dispersed to loamy coarse sand or coarse sand soil textures-having ≤ 35% coarse fragments, the infiltrative surface is to be located ≥ 24 inches above a limiting condition such as evidence of estimated high groundwater or bedrock.

– Where the effluent is dispersed to sand, loamy coarse sand, or coarse sand soil textures having ≥ 35% to ≤ 60% coarse fragments, the infiltrative surface is to be located ≥ 30 inches above a limiting condition such as evidence of estimated high ground water or bedrock. The soil beneath the infiltrative surface shall consist of at least 6 inches of acceptable in situ soil and ≥ 24 inches of any combination of acceptable engineered and/or in situ soil.

– Dispersal of effluent to sand, loamy coarse sand and coarse sand having >60% coarse fragments will not be permitted.

– Whether an ATU, ISF or RSF is used, at least 6 inches of the vertical separation between the infiltrative surface and limiting condition shall consist of in situ soil.

– For the purpose of determining the size of the soil treatment/dispersal area either Table 0 in the current Comm 83, Wis. Adm. Code, or the maximum soil application rates listed in attached Table 1 must be used.

– The treatment/dispersal area is to be designed using a linear loading rate that takes into account the shallow vertical separation distances and/or slowly permeable soils that may be present. This is critical to prevent toe leakage from above ground systems and backing up and/or breakout from in-ground systems of partially treated wastewater. The Wisconsin Mound and At-grade Manuals, available from the UW-Madison, Small Scale Waste Management Project, shall be consulted for additional information regarding acceptable linear loading rates.

– When the POWTS design includes replacement of an existing soil absorption area or holding tank, pressure distribution of the effluent is to be used. A pressure distribution network designed in accordance with Dept. of Commerce publication (SBD-10573-P), entitled "Pressure Distribution Component Manual for Private Onsite Wastewater Treatment Systems" draft dated 06/11/99 is acceptable. Manufacturer recommendations must be followed regarding acceptable quantities of effluent to be discharged per dose and time intervals between applications of effluent doses.

– When a soil treatment/dispersal component uses aggregate, the aggregate is to be covered with synthetic material that has been approved by the department.

– The installation of gravelless chambers in a soil treatment/dispersal component is to follow manufacturer's instructions. Where gravelless chambers are used, the infiltrative surface area is to be equal to or greater than the open bottom area of the chambers. Gravelless chambers must be approved by the department.

– When a soil treatment/dispersal component uses Dripline, the installation must follow manufacturer's instructions. Dripline components must be approved by the department.

Conditions of Approval

– If a statement indicating that the installing plumber(s) has attended department-approved training regarding the type of ATU, ISF, RSF or Dripline that will be used was not included with the plan submittal, a statement must be provided to the county prior to

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Tool offered for looking up building code subjects, notably plumbing accessibility issues

A guide to selected building codes subjects is available from the Safety and Buildings Division. A number of the references are to Comm 69, Barrier Free Design, including accessibility issues related to plumbing. The references can lead people who usually don't work with the building codes to accesibility topics that are regulated in those codes and not in the plumbing code.

(People who do not have copies of the building codes can find the codes on the internet at http://www.legis.state.wi.us/rsb/code/comm/. Of special note is Comm 69, Appendix B, where there are a number of plumbing-related references.)

Created over several years by a division Code Consultant Jon Buschke, the building codes subject guide is currently a 10-page information-packed tool providing readers with an alphabetical list of code topics, with related code sections and code commentary page numbers.

Buschke spends hours each day answering code questions via the telephone and he compiles a record of the code sections he finds discussed most. The version available to the public is updated quarterly.

A free copy of the document can be obtained by contacting S&B Material Orders, PO Box 2509, Madison, 53701, 608-267-4405, Fax 608-261-6699, or on the S&B WebSite, http://www.commerce.state.wi.us/SB-Whatsnew.html.

POWTS memo

continued from previous page

the issuance of the sanitary permit. This statement must indicate that either the training requirement has been fulfilled or that the installation will be supervised onsite by an authorized representative of the manufacturer for the technology.

– The POWTS is to be maintained in accordance with the maintenance instructions.

– If a copy of the initial warranty or signed two year maintenance/servicing contract is not included with the plan submittal, one must be provided to the county prior to issuance of the sanitary permit by the permit issuing agent.

– The owner of the POWTS and any future owners are to continue a maintenance/servicing contract for the POWTS with a qualified provider in accordance with the management plan as long as the POWTS remains in service.

– The owner must bring to the attention of the governmental unit (County regulatory authority) any changes to the maintenance/servicing contract.

– The owner is responsible for submitting the Maintenance Verification Report (SBD-10626) to the department for maintenance tracking purposes. Reports shall be submitted at intervals appropriate for the component(s) utilized in the POWTS. A filing fee, (currently $5.00) will be assessed for each transaction processed.

– Prior to transfer of property, the new owner shall be given notice that the premises are served by a POWTS that requires status checks and/or maintenance on a more frequent schedule than a standard system and that said status checks must be reported to the department's POWTS tracking system.

– For cases where an ATU, ISF or RSF is used to repair or rehabilitate an existing soil absorption area, measures must be taken to insure that such failures as effluent breakout onto the ground surface or effluent back up into a structure do not continue to occur during the rehabilitation process.

Other conditions of approval may be added as warranted on a case by case basis.

These guidelines supercede the guidelines published on 08/17/98. Note: These guidelines may be periodically modified as new information and data become available.

a. Converse, J. and J. Tyler. "Soil Treatment of Aerobically Treated Domestic Wastewater with Emphasis modified Mounds." On-Site Wastewater Treatment, Proceedings of the Eight National Symposium on Individual and Small Community Sewage Systems. St Joseph: American Society of Agricultural Engineers, 1998, p. 306.

b. Converse, J. Memorandum to Roman Kaminski, Dept. Commerce, November 25, 1998.

Table 1
MAXIMUM SOIL APPLICATION RATES
BASED UPON MORPHOLOGICAL SOIL EVALUATIONS

Soil Texture	Soil Structure	Maximum Monthly Average	
		$BOD_5 > 30 \leq 220$mg/L TSS $> 30 \leq 150$mg/L (gals/sq ft/day)	$BOD_5 \leq 30$ mg/L TSS ≤ 30 mg/L (gals/sq ft/day)
Coarse sand or coarser	N/A	0.7	1.6
Loamy coarse sand	N/A	0.7	1.4
Sand	N/A	0.7	1.2
Loamy sand	Weak to strong	0.7	1.2
Loamy sand	Massive	0.5	0.7
Fine sand	Moderate or strong	0.5	0.9
Fine sand	Massive or weak	0.4	0.6
Loamy fine sand	Moderate or strong	0.5	0.9
Loamy fine sand	Massive or weak	0.4	0.6
Very fine sand	N/A	0.4	0.6
Loamy very fine sand	N/A	0.4	0.6
Sandy loam	Moderate to strong	0.5	0.9
Sandy loam	Weak, weak platy	0.4	0.6
Sandy loam	Massive	0.3	0.5
Loam	Moderate or strong	0.5	0.8
Loam	Weak, weak platy	0.4	0.6
Loam	Massive	0.3	0.5
Silt loam	Moderate or strong	0.5	0.8
Silt loam	Weak, weak platy	0.2	0.3
Silt loam	Massive	0.0	0.2
Sandy clay loam	Moderate or strong	0.4	0.6
Sandy clay loam	Weak, weak platy	0.2	0.3
Sandy clay loam	Massive	0.0	0.0
Clay loam	Moderate or strong	0.4	0.6
Clay loam	Weak, weak platy	0.2	0.3
Clay loam	Massive	0.0	0.0
Silty clay loam	Moderate or strong	0.4	0.6
Silty clay loam	Weak, weak platy	0.2	0.3
Silty clay loam	Massive	0.0	0.0
Sandy clay	Moderate or strong	0.2	0.3
Sandy clay	Massive or weak	0.0	0.0
Clay	Moderate or strong	0.2	0.3
Clay	Massive or weak	0.0	0.0
Silty clay	Moderate or strong	0.2	0.3
Silty clay	Massive or weak	0.0	0.0

Note: > means greater than
≤ means less than or equal to
N/A means Not Applicable

Burks resigns as field operations director

Bennette Burks resigned as Bureau of Field Operations Director to take a position as head of the Buildings Department in White Plains, New York.

A ten-year-plus Safety and Buildings Division employee, Burks had previously served as chief of the private sewage section.

While procedures are followed to fill the Field Operations director position, the duties will be temporarily carried out by Randy Baldwin, Bureau of Integrated Services Director, 608-267-9152, rbaldwin@commerce.state.wi.us.

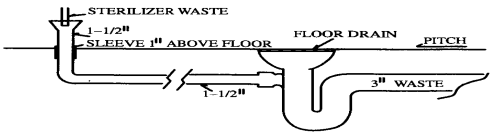
Acting in Baldwin's position will be Robin Zentner, an Integrated Services Section Chief, 608-266-1930, rzentner@commerce.state.wi.us.

Considering Comm 82.50, health care

The Plumbing Code Advisory Council is actively reviewing and proposing revisions to the Plumbing Code.

A health care team, led by Jim Wehinger, Safety and Buildings Division plumbing consultant, will study Comm 82.50, "Health Care," and make a report back to the council.

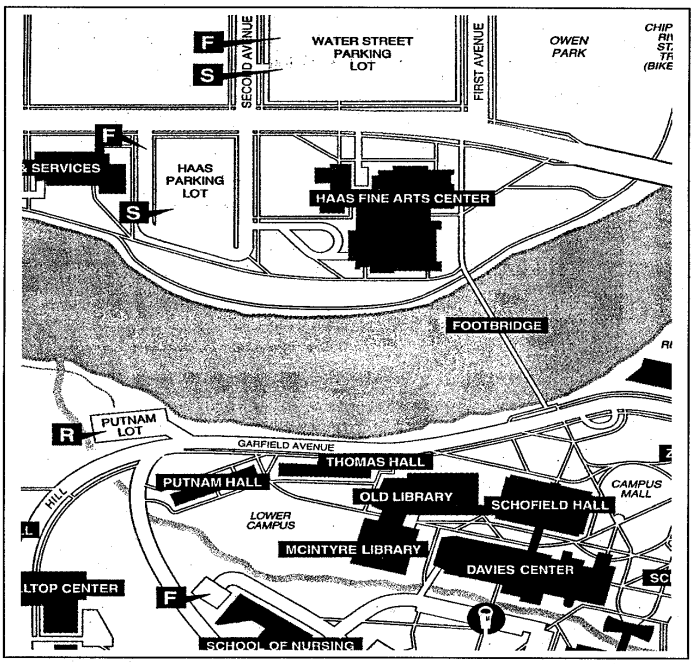
If you are interested in the subject, please contact Jim Wehinger at 608-339-7430, jwehinger@commerce.state.wi.us.



CERTIFIED SOIL TESTER TRAINING
WISCONSIN SOCIETY OF PROFESSIONAL SOIL SCIENTISTS

The 1999 WSPSS Fall Meeting will be held on the UW Eau Claire Campus on Friday, December 3, 1999, and will include 3 hours of continuing education credit for Certified Soil Testers. A business meeting at 9:30 a.m. will precede the training session at 12:30 p.m. There is no charge for attendance, but registration is required.

This soil science related training includes presentations on hydric soils and their identifiers, wetland types and vegetation, wetland restoration and assessment, measuring the success of changes in wetland hydrology after restoration and other subjects.



Registration

- Telephone (715) 726-2548
- Leave message with your name, telephone number, and number of attendees.
- Please speak clearly.

Where and When

- December 3, 1999.
- 12:30 p.m. to 3:30 p.m.
- UW Eau Claire Campus, Eau Claire, Wisconsin
- Cedar Theatre in the Davies Center.

Parking

- Use either the Water Street or Haas Parking Lots only.
- No parking permits required in above lots.
- Head into stalls.

Stormwater issues are drawing attention

Stormwater issues are drawing attention on several levels in Wisconsin.

First, the anticipated release of the federal Environmental Protection Agency's "Phase Two" stormwater guidelines is pressuring municipalities, the public, and the construction industry to take a closer look at stormwater quality and quantity.

The new guidelines are based on the idea that water source protection extends beyond controlling individual sources of contamination to addressing solutions on regional or watershed bases.

States are required to establish assessment programs to delineate drinking water source areas, complete inventories of all potentially significant contaminant sources, and determine the susceptibility of every public water system to contamination from these sources.

Also, the state Department of Natural Resources is undergoing a nonpoint stormwater program redesign that was prompted by the 1997 state budget bill, Act 27.

The DNR is required to write performance standards for nonpoint stormwater sources, and work with the Departments of Commerce and Transportation to develop a process for drafting technical standards. Safety and Buildings Division Administrator, Mike Corry, is currently serving on the Outreach Advisory Council for this redesign. S&B has formed an advisory ad hoc committee to help with evaluation of the impact and the practicality of DNR's proposed standards.

A third simultaneous activity is the revision of Comm 82.36, the Wisconsin Plumbing Code stormwater section. This section hasn't been significantly revised since 1972. During the next year, S&B will work with the advisory Plumbing Code Council to address nonpoint issues relating to plumbing. This will include a coordinated effort with the DNR stormwater efforts.

For more information, contact Lynita Docken, S&B Plumbing Program Manager, 608-785-9349, ldocken@commerce.state.wi.us.

WPCR - November 1999
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ADDRESS SERVICE REQUESTED